



Fosen Electronics Technology Co.,Ltd.,established in 2002,which is a professional manufacturer specialized in kinds of tact switches, phone jacks, optical fiber jacks and computer connectors. Our products have passed ISO 9001/14001certification, and the monthly output up to 60 million pieces. Our products are widely used in home appliances, digital cameras, toys, car audio, computer and peripheral products. They are mostly sold to Japan, Southeast Asia,Europe,America and other countries and some famous domestic enterprises, with good reputation.

Fosen has developed into a company that integrates research & development, design, automatic production and marketing. We have imported advanced automatic production equipment and technologies. To improve products quality and band influence, we are focusing on researching and manufacturing high-precision electronicproducts. Fosen owns excellent team of research and develop, sales and experienced technical staff. All staff work together unity, helping and caring each other, growing together. Fosen is moving steadily forward to be a leading brand in electronic switch industry.

We sincerely look forward to cooperating with you.



Dongguan Fosen Electronics Technology CO.,LTD.

PIRST 01 • Light Touch Switches

PIRST 02 • Fiber Optic Terminal

PIRST 03 • TYPE-C Connectors

PIRST 04 • Row Socket Connectors

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Light Touch Switches



Rated Values:30V DC, 30mA

Contact Resistance: $\leq 0.05 \Omega$

Insulation Resistance: $\geq 100M \Omega$ 耐 电 压

Dielectric Strength:250V AC

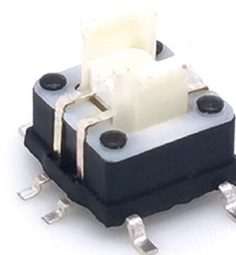
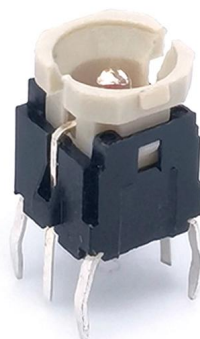
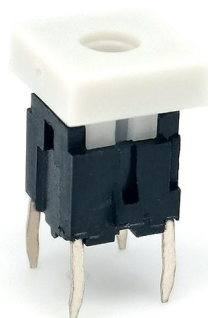
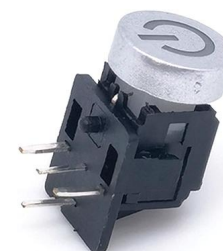
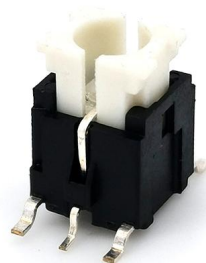
Operating Force:160gf/260gf

Life:10W times

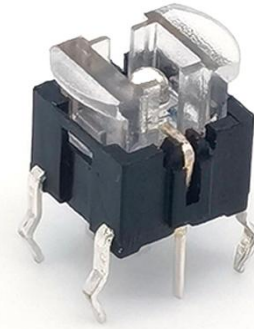
Salt mist Test: 12 ± 1 hours

Climate Grade:-25℃--+75℃





Product Catalog



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Fiber Optic Terminal



1. Electrical characteristics:

1.1 Operating Voltage: 2.7~5.5V

1.2 Operate temperature: -20~70° C

1.3 Consumption current: 3~7mA

2. Mechanical properties:

2.1 Insertion force: 39.2N MAX

2.2 Withdrawal force: 5.9~39.2N

2.3 Durability: 500 times







Product Catalog

combination series

- Fiber Optic Terminal and AV Holder Combination
- More Convenient Functions
- Smaller Occupied Space

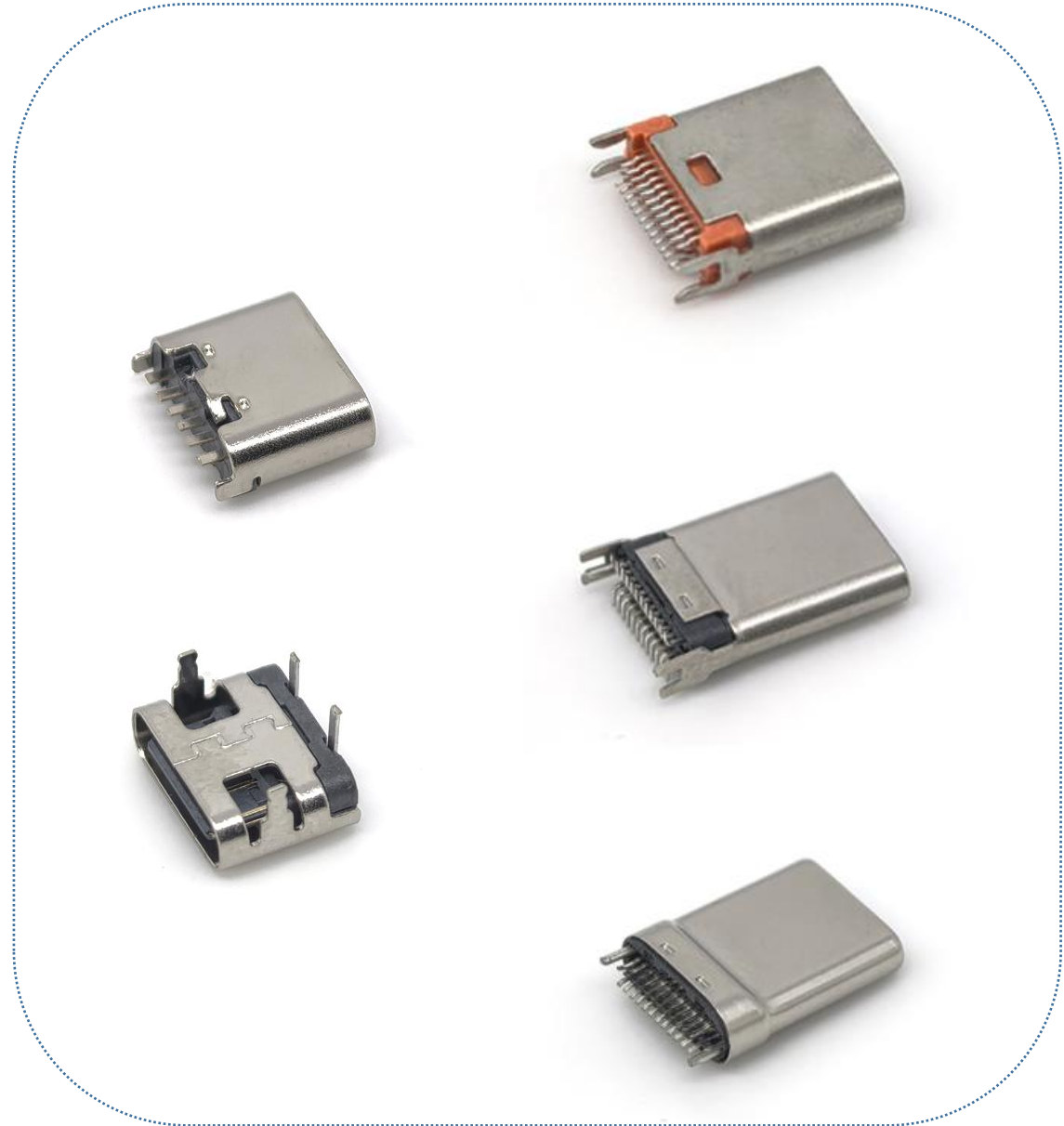


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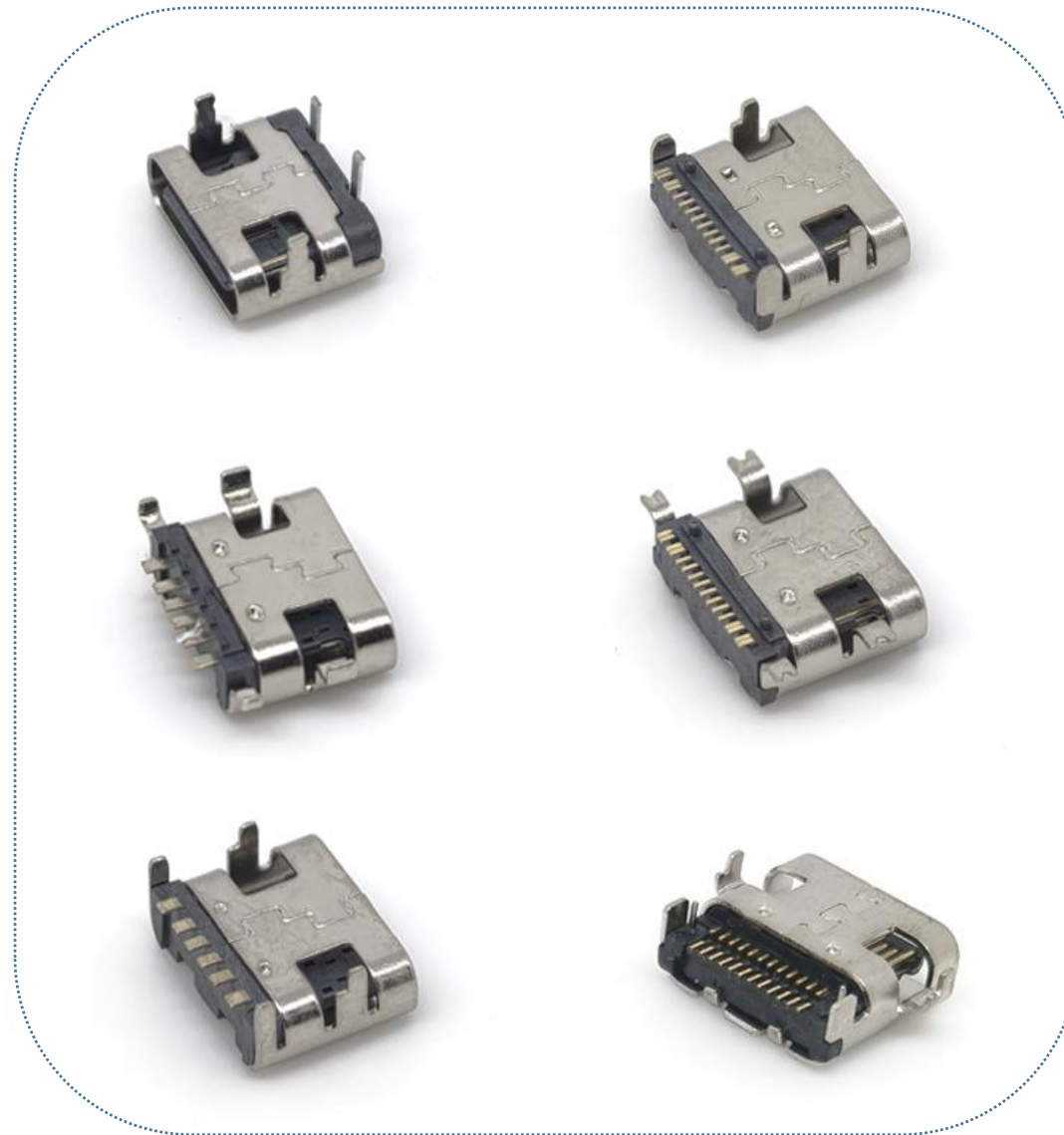
TYPE-C Connectors



1. CURRENT RATING : 5.0A FOR V_{bus} PIN,
1.25A FOR V_{conn} PIN,
0.25A FOR OTHER PINS.
2. VOLTAGE RATING : 20V DC MAX.
3. CONTACT RESISTANCE : 40mΩ.
4. INSULATION RESISTANCE : 100MΩ MIN.
5. DIELECTRIC WITHSTANDING VOLTAGE : 100 VAC MIN.
6. OPERATING TEMPERATURE : -40° C TO +85° C.
7. MATING FORCE : 5~20N.
8. UNMATING FORCE : 8~20N.
9. DURABILITY : 10,000 CYCLES.
10. RECOMMENDED PROCESS : THE PEAK TEMPERATURE ON
THE BOARD SHALL MAINTAIN 260° C.



Product Catalog





Basic Functions of Waterproof Type-C Female Connector Waterproof type-C female connector, as the name suggests, its main function is waterproof. There is a waterproof cover or waterproof ring designed at the interface, which can effectively block water from entering the interior of the interface, thus protecting the interface and the normal operation of electronic devices. The waterproof type-C female connector is also dustproof and scratchproof, which further prolongs the service life of the interface.

Outdoor use: During outdoor activities such as picnics, camping, traveling, etc., electronic devices are often exposed to harsh environments. The waterproof Type-C female connector can effectively prevent the interface from being damaged by rain, dew and other natural factors, ensuring the normal use of electronic devices.

Wet environment: In wet environments such as bathrooms and kitchens, electronic device interfaces are susceptible to moisture, resulting in poor contact. Using a waterproof Type-C female chassis connector can greatly reduce the risk of interface moisture and improve the stability of the device. The Type-C waterproof receptacle can protect the interface from dust, dirt, and other contaminants, keeping the interface clean and in good working condition.

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Row Socket Connectors



(Main specifications)

Rated current: 3.0A AC ,DC

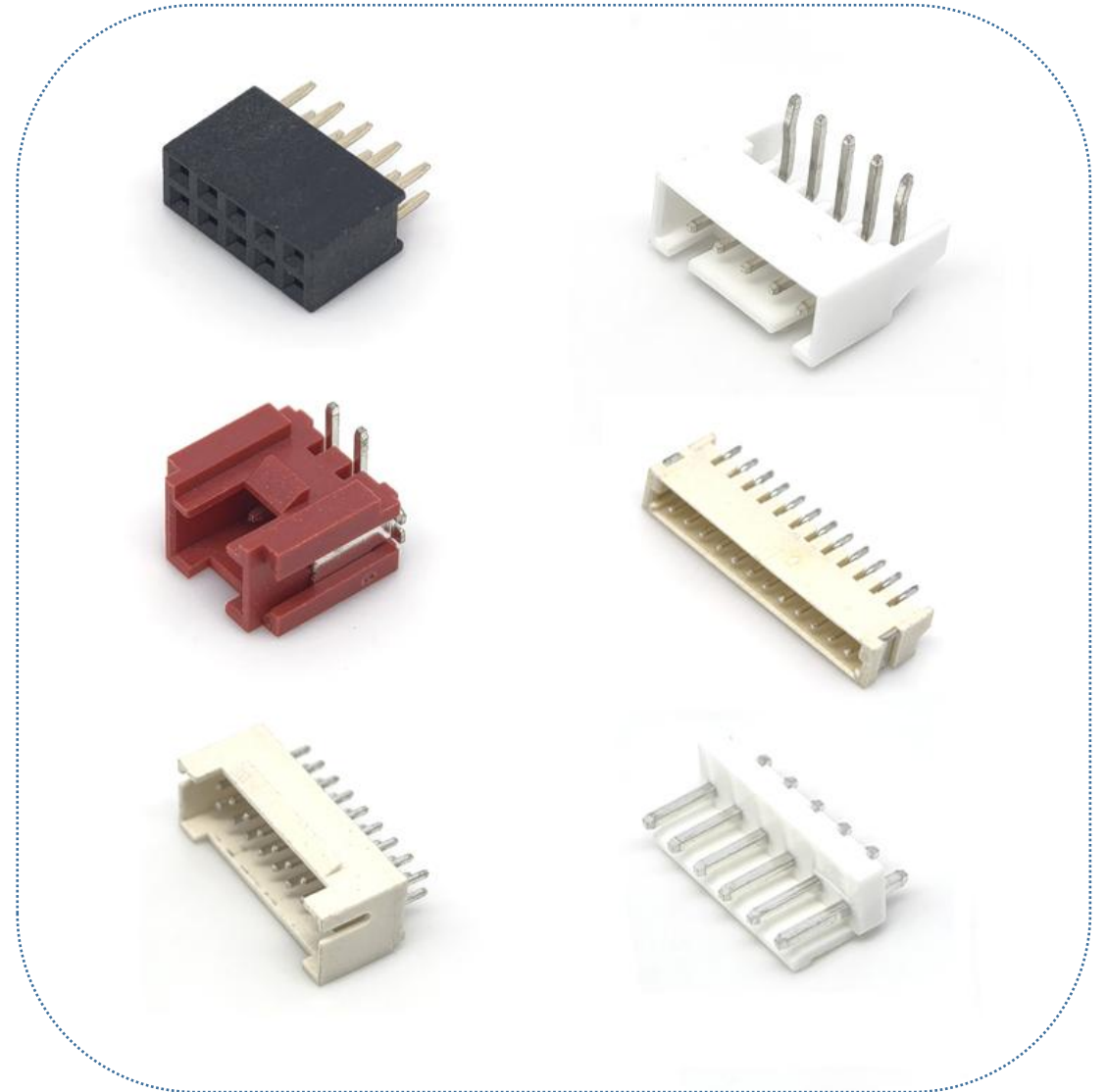
Rated voltage: 250V AC ,DC

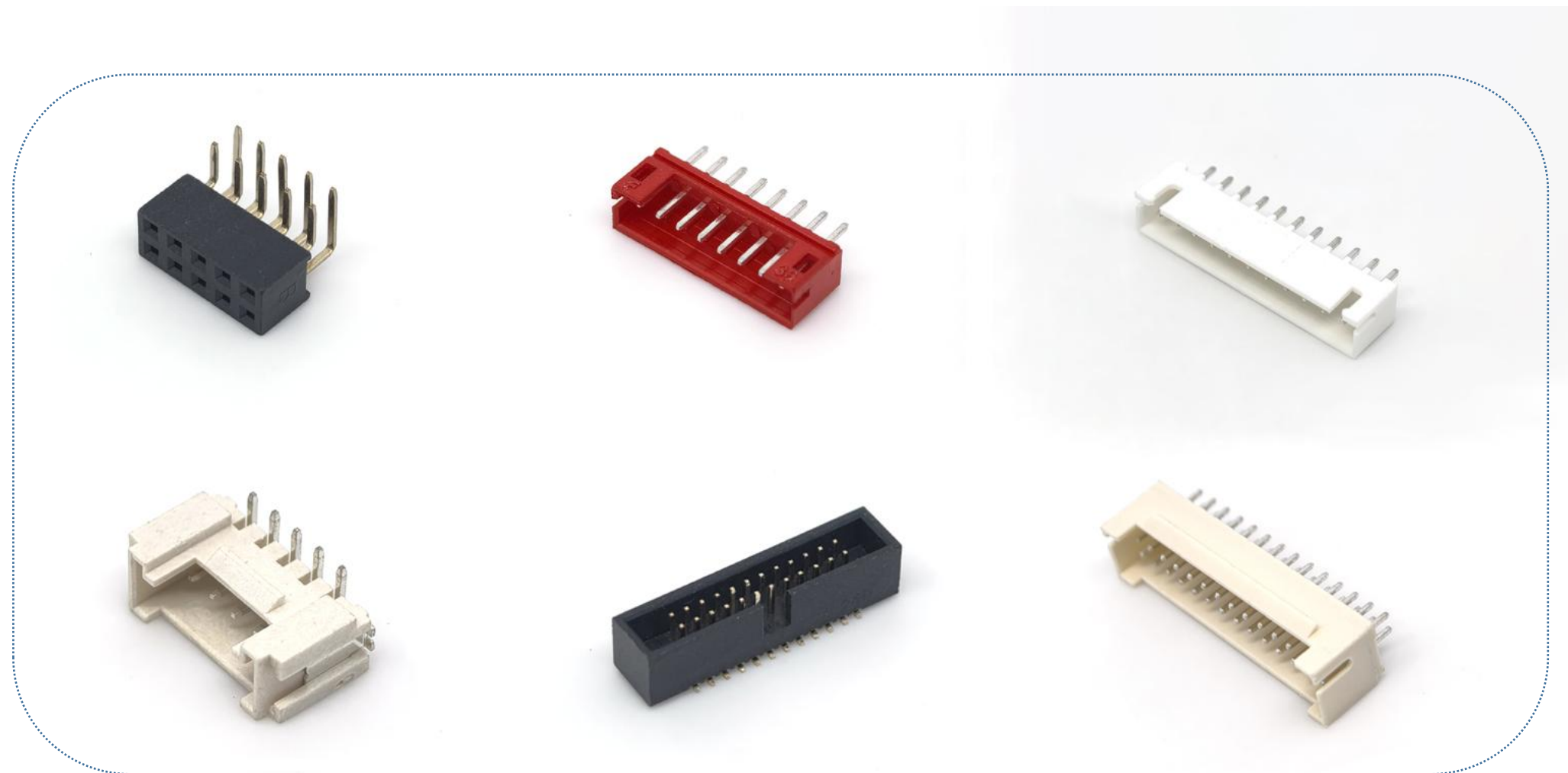
Contact resistance: $\leq 0.03 \Omega$

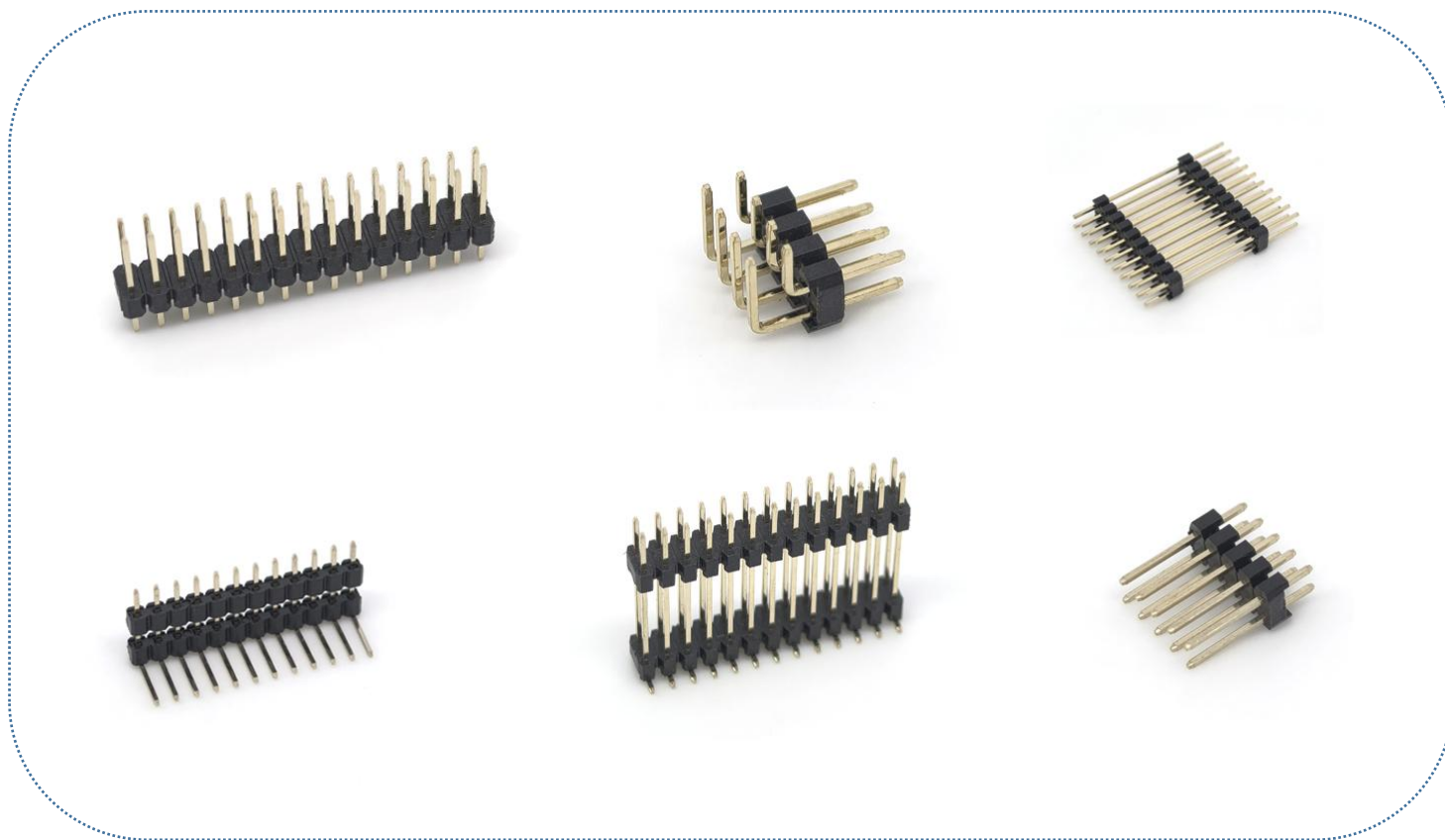
Insulation resistance: $\geq 1000M \Omega$

Withstand voltage: 1000V AC/minute

Conditions of Use: $-25^{\circ} \sim +85^{\circ} \text{ C}$







Pin header is a kind of connector called pinheader in English. It is widely used in electronics, electrical appliances, instrumentation in the PCB electrical circuit boards, usually used in conjunction with the mother of the row, forming a circuit board to board connection effect, or with the electronic wiring harness terminal to support the use of or used with electronic harness terminals to form a board-to-line connection. Pin design and application The design and application of the pin can be very flexible and can be used as a bridge between blocked or isolated circuits within the circuit. circuits that are blocked or isolated, and play the role of a bridge, taking on the task of or signal transmission. A wide range of applications for drain pins are as include video, lighting, portable devices, telephone services, electronics, industrial services, electronics, industrial industrial automation, healthcare, energy and other industries.

Product Catalog



European style connectors:

Insertion and withdrawal forces: 0.94N/PIN max

Service life: >250 times

Rated current: 1.5A at 20°C, 1.0A at 70°C

Resistance (Contacts): 20 milli ohms max.

Resistance (insulation): 100000M-ohms min.

Withstand voltage: 1000V rms

Package type (board): Welded or crimped

Temperature (working): -55° C to +125° C

Product licenses/certifications: UL File Number

European style connectors is a kind of connector type that adopts European standard and is widely used, usually applied in 19-inch standard chassis. The installation process emphasizes accurate positioning, robustness and interchangeability. These features ensure that the circuit boards can be accurately mated when the connectors are loaded into the chassis and remain in place when unplugged. These features ensure that the connectors are accurately mated when the boards are loaded into the chassis and that the connection remains stable and reliable when unplugged. These features ensure that the connector mates accurately when the board is loaded into the chassis and maintains a stable and reliable connection when unplugged. Euro connectors are designed for a variety of applications including power connectors, which are used to connect electrical equipment to power outlets for the transfer of power, and power connectors, which are used to connect electrical devices to receptacles for the transmission and supply of electrical power. These connectors have a standardized design and specifications that are commonly used in European countries and areas. These connectors have a standardized design and specifications commonly used in European countries and are widely used in residential, commercial and industrial applications in the European region, commercial and industrial applications in the European region.



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Specializing in the production of tact switch / fiber
optic terminal / TYPE-C connector / row sockets
connector